Index of Claims

| Appl | ication/C | ontrol | No. |
|------|-----------|--------|-----|

09/992,820

Examiner

Ji-Yong D. Chung

Applicant(s)/Patent under Reexamination

NOLAN, LLOYD

Art Unit

2143

| √ | Rejected |
|----|----------|
| == | Allowed |

| - | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| | N | Non-Elected |
|---|---|----------------|
| • | _ | Interference , |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | L | | | | | | J | | L | | | |
|---------------|--------------|------------|---|--------------|--------------|--------------|----------|----------|----------|----------|---|----------|
| | | | | | | | | | | | , | _ |
| Clain | <u> </u> | .)- | | | [| Date | <u> </u> | | | | | (|
| | Original | 12/16/2004 | | | | | | | | | | Final |
| | 1 | ₹ | - | ├ | ┢ | - | | - | ├─ | \vdash | 1 | _ |
| | ; | + | | | - | ┢ | _ | \vdash | ┢ | - | 1 | _ |
| | 3 | + | | - | | | | ┢ | | - | 1 | |
| | 2 3 4 | 1 | | | | | | | | | 1 | Г |
| | 5 | 1 | | | | | Г | Г | \vdash | | i | |
| | 6 | T | | | | | | | | | | |
| | 7 | m I | , | | | | | | | |] | |
| | 8 | Y | | | | | | | | | ļ | |
| | 9 | | | | | <u> </u> | | <u> </u> | ļ | <u> </u> | | <u> </u> |
| 1 1 | 0 | _ | | | <u> </u> | <u> </u> | | <u> </u> | _ | ┡ | ļ | <u> </u> |
| | 1 | | _ | | - | ┝ | | ⊢ | \vdash | \vdash | ł | _ |
| | 2 | _ | _ | | _ | \vdash | _ | ⊢ | \vdash | ⊢ | ł | ┝ |
| | 4 | | | | - | | _ | \vdash | ┝ | \vdash | ł | <u> </u> |
| 1 | 5 | - | - | - | | | - | \vdash | | \vdash | ł | \vdash |
| 1 | 6 | | | - | ┢ | | | \vdash | \vdash | \vdash | ł | ⊢ |
| 1 | 7 | | | | | | | | | | 1 | ┢ |
| 1 | 8 | _ | | | | | | | | | 1 | |
| 1 | 9 | | | | | | | Г | | | 1 | |
| 2 | 9 | | | | | | | | | |] | |
| 2 | 1 | | | | | | | | | | | |
| 2 | 2 | | | _ | | | _ | _ | | L | | |
| 2 | 3 | | | _ | _ | | _ | <u> </u> | | ļ | | |
| $\frac{1}{2}$ | 4 | | | <u> </u> | | ļ | | ļ | L_ | ļ | ļ | <u> </u> |
| 1 2 | 5 | _ | | <u> </u> | _ | | <u> </u> | ├ | <u> </u> | <u> </u> | ł | <u> </u> |
| 1 2 | 6 | \dashv | _ | - | | ⊢ | \vdash | ⊢ | _ | ├ | | ⊢ |
| 1 2 | 8 | - | _ | | | \vdash | _ | \vdash | - | \vdash | | H |
| 1 2 | 9 | \dashv | | \vdash | | \vdash | | \vdash | \vdash | \vdash | | \vdash |
| 3 | 0 | | | \vdash | | H | \vdash | | - | - | 1 | \vdash |
| 3 | 11 | | - | | | | | | | _ | | _ |
| 3 | 2 | - | | | | | | | | | | T |
| 3 | 3 | | | | | | | | | | j | |
| | 4 | | | | | | | | | |] | |
| 3 | 5 | | | | | | | | | | | |
| 3 | 6 | _ | | | <u> </u> | _ | ļ | <u> </u> | | _ | Į | <u> </u> |
| | 7 | | | | ļ | | | | | _ | | ļ |
| 1 3 | 8 | _ | | | | | | | <u> </u> | <u> </u> | | <u> </u> |
| 1 3 | 9 | | | _ | | _ | _ | _ | \vdash | ⊢ | ł | H |
| | 1 | | | - | | | | - | - | _ | ł | |
| | 2 | - | | - | - | H | | \vdash | - | \vdash | | |
| | 3 | | | Н | | | | | | | 1 | - |
| 4 | 4 | \neg | | _ | _ | | _ | Г | _ | | | |
| 4 | 5 | | | | | | | | | | | |
| 4 | 6 | | | | | | | | | | | |
| | 7 | | | | | | | | | | | |
| 4 | 8 | | | | | | | | | | | |
| 4 | 9 | _ | | | L_ | | Щ | | L_ | | l | <u> </u> |
| 1 15 | n | | | | | l i | | ı | 1 | | ı | ı |

| Claim | 1 | ., | _ | | I | Date | е | | | |] | Cla | aim | | _ | | - 1 | Dat | е | | | |
|-------|----------|------------|--|----------|----------|----------|----------|----------|----------|----------|---|-------|----------|-----------|---|-------|----------|----------|----------|----------|----------|-----------------|
| | Original | 109 11/2 M | | | | | | | | | | Final | Original | | | | | | | | | |
| | 1 | 7 | | | | | | | | | | | 51 | | | | | | | | | |
| _ _; | 2 | 1 | <u> </u> | | ļ | _ | | L | | | | | 52 | | | | _ | | _ | L | _ | Ш |
| | | Ц | <u> </u> | L | <u> </u> | | | L. | _ | | | | 53 | | | | | L | <u> </u> | <u> </u> | _ | |
| | 4 5 | Ц | ┖ | | <u> </u> | | L | 匚 | <u> </u> | _ | | | 54 | | | | _ | | L | | L | Ш |
| !: | 5 | Ц | L | | <u>L</u> | | | | L | | | | 55 | | | | | | | | _ | Ц |
| | 3 | \perp | L | | L | L | | | ┕ | <u> </u> | | | 56 | | | | | | | | _ | Ш |
| | 7 | Ц | <u>, </u> | | <u> </u> | | | | _ | | | | 57 | | | | | | _ | | L | Ш |
| | 3 | ¥ | 1_ | | <u> </u> | | | ļ | <u> </u> | <u> </u> | | | 58 | | • | | | | _ | | <u> </u> | Ш |
| | ۳ | | ┖ | | <u> </u> | L_ | | <u> </u> | <u> </u> | <u> </u> | | | 59 | | | | | | | | L | Ш |
| 1 | 0 | | | | <u> </u> | | | _ | _ | _ | | | 60 | | | | | | | | _ | Ш |
| | 1 | | _ | ļ | | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | | | 61 | | | _ | | | | | _ | Ш |
| 1 | 2 | _ | ┺ | _ | L | <u> </u> | | _ | _ | <u> </u> | | | 62 | Щ | | _ | _ | <u> </u> | | | _ | Ш |
| 1 | 3 | | <u> </u> | <u> </u> | L | | _ | _ | L. | _ | | | 63 | | | | | _ | _ | | | Ш |
| | 4 | | <u> </u> | _ | L | | | | | _ | | | 64 | Ш | _ | | L | <u> </u> | L. | | \vdash | Ш |
| 1 | 5 | | _ | <u></u> | | <u> </u> | | L | _ | <u> </u> | | | 65 | | _ | | L | <u> </u> | ļ | | | |
| _ 1 | 6 | | ļ | <u> </u> | L | _ | | <u> </u> | | _ | | | 66 | | | | | _ | L | | _ | Ш |
| | 7 | | _ | | | _ | | _ | | _ | | | 67 | | | | | <u> </u> | | | | Ш |
| 1 | 8 | | _ | | L | _ | _ | _ | | L | | | 68 | | | | | <u> </u> | L | | _ | Ш |
| 1 | 9 | | | <u> </u> | | <u> </u> | | L | <u> </u> | | | | 69 | | | | | _ | | | _ | Ш |
| | 0 | | ╙ | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | L | <u> </u> | | | 70 | | | | | <u> </u> | _ | | | Ш |
| 2 | 1 | | <u> </u> | <u> </u> | _ | <u> </u> | | L. | | L | | | 71 | | | | <u> </u> | <u> </u> | ļ | | <u> </u> | |
| | 2 | | <u> </u> | <u> </u> | | L | | _ | <u> </u> | <u> </u> | | | 72 | | | | | _ | _ | | | Ш |
| 2 | 3_ | | <u> </u> | | _ | _ | | | | | | | 73 | | | | | _ | _ | | <u> </u> | Ш |
| | 4 | | <u> </u> | L | | <u> </u> | | L_ | _ | L. | | | 74 | | | | | <u> </u> | | | | Ш |
| | 5 | | <u> </u> | <u> </u> | <u>_</u> | | _ | <u>L</u> | | _ | | | 75 | Щ | | | | ļ | <u> </u> | | _ | \square |
| _ 2 | 6 | | _ | <u> </u> | | <u> </u> | | | | L_ | | | 76 | | | | L | L | | | | Ш |
| 2 | | | _ | <u> </u> | _ | <u> </u> | _ | | _ | _ | | | 77 | | | | L. | <u> </u> | _ | | | Ш |
| 2 | 8 | | _ | | <u> </u> | | _ | | | _ | | | 78 | | | | _ | _ | _ | | | Ш |
| 2 | 9 | | _ | <u> </u> | | | | | ļ | _ | | | 79 | | | | | ldash | | | _ | Щ |
| | 0 | | ļ., | ļ | | | | | | _ | | | 80 | _ | | _ | _ | <u> </u> | <u> </u> | | | Ш |
| 3 | | | <u> </u> | ┡ | <u> </u> | _ | | _ | _ | <u> </u> | | | 81 | | | | | | | | | Ш |
| 3 | 2 | | _ | <u> </u> | | | | <u> </u> | _ | <u> </u> | | | 82 | | | | _ : | <u> </u> | <u> </u> | <u> </u> | _ | Щ |
| 3 | 3 | | <u> </u> | ļ | | _ | | _ | | _ | | | 83 | | | | | ldash | <u> </u> | L_ | _ | \square |
| 3 | 4 | | ļ | ļ., | | _ | | | _ | L. | | | 84 | | | | | | <u> </u> | _ | | Ш |
| | 5 | _ | 1 | ┞ | - | | | | | | l | | 85 | | | | | | <u> </u> | <u> </u> | _ | \vdash |
| | 6 | | ↓_ | <u> </u> | <u> </u> | _ | ļ | L | _ | <u> </u> | | | 86 | | | _ | | _ | <u> </u> | <u> </u> | _ | $\vdash \vdash$ |
| 13 | 7 | | ļ | <u> </u> | _ | | | | _ | | | | 87 | | | | _ | | _ | <u> </u> | | Ш |
| | 8 | _ | <u> </u> | <u> </u> | _ | | _ | | <u> </u> | | | | 88 | | | | | | ┡ | _ | <u> </u> | \sqsubseteq |
| 3 | 9 | | _ | <u> </u> | <u> </u> | | _ | _ | _ | <u> </u> | | | 89 | | | | | | <u> </u> | <u> </u> | _ | Ш |
| | 0 | | - | L | | | L | _ | <u> </u> | <u> </u> | | | 90 | _ | | | | <u> </u> | ļ_ | <u> </u> | L. | Щ |
| 4 | | | 1 | ļ | <u> </u> | | | | | | | | 91 | | - | | _ | <u> </u> | <u> </u> | _ | _ | Ш |
| | 2 | | <u> </u> | _ | _ | | _ | | | | | | 92 | | _ | | | L_ | _ | _ | | Ш |
| | 3 | | _ | L- | <u> </u> | | إسا | L | _ | ļ | | | 93 | | | | | | \vdash | <u> </u> | | Ш |
| 4 | | | \vdash | 1 | _ | Щ | L | L | _ | <u> </u> | | | 94 | | | | _ | | \vdash | <u> </u> | \vdash | |
| 4 | | | | <u> </u> | _ | L. | | <u> </u> | L | <u> </u> | | | 95 | \Box | | | <u> </u> | <u> </u> | Ь. | ļ | \vdash | Ш |
| 4 | Ď. | | \vdash | <u> </u> | | Щ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | | 96 | \square | | | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | \vdash |
| 4 | | | ـ | Ŀ | _ | ļ | _ | _ | <u> </u> | L- | | | 97 | \square | | | | _ | <u> </u> | <u> </u> | | Щ |
| 4 | ᆰ | | \vdash | <u> </u> | <u> </u> | <u> </u> | | _ | | <u> </u> | | | 98 | | | | | | <u> </u> | <u> </u> | \vdash | Щ |
| 4 | ۶ | | ├ | <u> </u> | - | | <u> </u> | _ | L_ | Ь | | | 99 | | | | | ļ | <u> </u> | <u> </u> | . | Ш |
| 5 | 0 | | | L | L | | L | | | L | | | 100 | | | L., . | | | L | Щ. | L | Ш |

| Cla | aim | Date | | | | | | | | | |
|----------------------|--|----------|--|-------------------------------------|-------------------------------------|--|--------------------|----------|-------------------|-----------------|--|
| | | | | | | Г | | | | | |
| - | Original | | | | | | | | | | |
| Final | <u>:</u> Ē | | | | | | l | | | | |
| ╽╙╴ | ō | | | | | | | | | | |
| | | | | L | ļ | <u> </u> | <u> </u> | <u> </u> | | | |
| | 101 | <u> </u> | <u> </u> | | | | | | | | |
| | 102 | | | | | | | | | | |
| | 103 | | | | | ļ | | | | 1 | |
| | 101 102 103 104 105 | | | | | | | | | | |
| | 105 | | | | | | | | | | |
| | 106 | | $\overline{}$ | | | | | Г | | | |
| | 107 | Г | \vdash | | \vdash | | _ | \vdash | | | |
| | 108 | \vdash | Н | \vdash | \vdash | | H | \vdash | | | |
| | 108 109 110 | ⊢ | \vdash | ⊢ | ┝ | <u> </u> | \vdash | ┢ | | | |
| | 1109 | - | ⊢ | | | - | | | | \vdash | |
| | 110 | _ | <u> </u> | - | - | - | - | | - | | |
| <u> </u> | 111 | <u> </u> | - | | ├- | <u> </u> | \vdash | <u> </u> | - | \vdash | |
| L | 112 | _ | L. | <u> </u> | <u> </u> | | | | ļ | Ш | |
| | 113 | L | | L | ļ | | | | <u> </u> | | |
| | 112 113 114 115 | L_ | Ш | | $oxed{oxed}$ | | | <u> </u> | L | Ш | |
| | 115 | | | | | | | | | | |
| | 116 117 118 | | $oxedsymbol{oxed}$ | <u> </u> | ــــــا | <u> </u> | | | | | |
| | 117 | | | | | | | | | | |
| | 118 | | | | | | | - | | | |
| | 119 | | | | | | | | | | |
| | 120 | | | | | | | | | | |
| | 121 | | | | | | | | | | |
| | 122 | | | | | | | | | | |
| | 123 | | | | | | | | | | |
| | 124 | | | | | | | | | | |
| | 125 | | | | | | | | | | |
| | 126 | | | | | | | | | | |
| | 119 120 121 122 123 124 125 126 127 128 129 130 | | | | | | | | | | |
| | 128 | | Ш | L | | L | | | L | | |
| | 129 | | | L | | | | | | | |
| | 130 | | | | | | | | | | |
| | 131 | | | | | | | | | | |
| | 132 | | | | | | | | | | |
| | 132 133 | | | | | | | <u> </u> | | | |
| | 134 | | | | | <u> </u> | $oxedsymbol{oxed}$ | | L | | |
| | 135 | | L | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш | L | Ш | <u>_</u> | <u> </u> | Ш | |
| | 135 136 | | $ldsymbol{ld}}}}}}$ | | L | L | | <u> </u> | | Ш | |
| | 137 | | | | | | | | L | Щ | |
| | 138 139 | <u> </u> | | | $oxed{oxed}$ | L | Щ | <u> </u> | $ldsymbol{f eta}$ | Щ | |
| | 139 | ļ | Ш | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u> | Ш | | L | Щ | |
| | 140 | <u> </u> | L | ļ | L | <u> </u> | | <u> </u> | <u> </u> | \sqcup | |
| | 141 | _ | H | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | Ы | |
| | 142 | | H | | \vdash | <u> </u> | | <u> </u> | <u> </u> | $\vdash \vdash$ | |
| | 143 | _ | H | \vdash | | \vdash | \vdash | <u> </u> | \vdash | $\vdash\vdash$ | |
| | 144 145 | _ | H | \vdash | ├─ | <u> </u> | | \vdash | | $\vdash\vdash$ | |
| | 146 | | - | | | | | | - | $\vdash\dashv$ | |
| | 147 | | - | | \vdash | | - | | - | | |
| | 148 | - | \vdash | ┝ | - | | H | — | | \vdash | |
| | 149 | | - | \vdash | \vdash | | - | \vdash | - | $\vdash \vdash$ | |
| $\vdash\vdash\vdash$ | 150 | - | - | ├ | | \vdash | \vdash | - | - | \vdash | |
| L | 130 | | | Ш. | | | L | l | | Щ | |